

WHAT IS CLAIMED IS:

1. A recording apparatus comprising:

feeding means for feeding recording media one by one;

5       conveying means for conveying a recording medium  
fed by the feeding means to a recording area; and  
      recording means for performing a record on the  
recording medium conveyed by the conveying means,  
      wherein when a succeeding recording medium is fed  
10       during discharge of a recording medium in which the  
record has been completed, a feed start timing for the  
feeding means is determined in accordance with a  
leading end margin amount for the succeeding recording  
medium.

15       2. A recording apparatus according to claim 1,  
further comprising detecting means for detecting the  
recording medium conveyed between the feeding means and  
the conveying means, wherein the feed start timing is  
20       determined based on a time when the recording medium in  
which the record has been completed is detected by the  
detecting means.

25       3. A recording apparatus according to claim 2,  
wherein when the recording medium in which the record  
has been completed is passing a detecting position of  
the detecting means on a start of a discharge operation

of the recording medium, the feed start timing of the succeeding recording medium is determined by tempered with a passing movement amount of the recording medium.

5           4. A recording apparatus according to claim 1, wherein the feeding means and the conveying means are driven by different driving means.

10           5. A recording apparatus comprising:  
              feeding means for feeding recording media one by one;  
              conveying means for conveying a recording medium fed by the feeding means to a recording area;  
              recording means for performing a record on the  
15       recording medium conveyed by the conveying means;  
              discharging means for discharging the recording medium from the recording area; and  
              controlling means, in a case a preceding recording medium is discharged by the discharging means and a  
20       succeeding recording medium is fed by the feeding means, for controlling the feeding means so that a period of time from a time when a trailing end of the preceding recording medium to be discharged is passed through a predetermined position to a start of feeding  
25       of the succeeding recording medium by the feeding means is shorter, as a leading end margin of the record on the succeeding recording medium becomes longer.

6. A recording apparatus according to claim 5, further comprising detecting means for detecting the recording medium in the predetermined position, wherein when the preceding recording medium is discharged by the discharging means and the succeeding recording medium is fed by the feeding means, the controlling means controls the feeding means so that a period of time from a time when the trailing end of the preceding recording medium to be discharged is detected by the detecting means to the start of feeding of the succeeding recording medium by the feeding means is shorter, as the leading end margin of the record to the succeeding recording medium becomes longer.

7. A recording apparatus comprising:

- feeding means for feeding recording media one by one;
- conveying means for conveying a recording medium fed by the feeding means to a recording area;
- recording means for performing a record on the recording medium conveyed by the conveying means;
- discharging means for discharging the recording medium from the recording area; and
- controlling means, in a case a preceding recording medium is discharged by the discharging means and a succeeding recording medium is fed by the feeding means, for controlling the feeding means so that a

period of time from a start of discharge of the preceding recording medium to a start of feeding of the succeeding recording medium is shorter, as a distance between a predetermined position and a trailing end of the preceding recording medium downstream of the predetermined position on the start of discharge is longer.

8. A recording apparatus according to claim 7, further comprising detecting means for detecting the recording medium in the predetermined position, wherein when the preceding recording medium is discharged by the discharging means, the controlling means controls the feeding means so that the period of time from the start of discharge to the start of feeding of the succeeding recording medium is shorter, as a conveyance distance from a detection of the trailing end of the preceding recording medium by the detecting means to the start of discharge thereof becomes longer.

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9. A recording apparatus according to claim 7 or 8, wherein the controlling means controls the feeding means so that the period of time from the start of discharge of the preceding recording medium to the start of feeding of the succeeding recording medium is shorter, as a leading end margin of the record on the succeeding recording medium becomes longer.

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